

	Type	L #	Hits	Search Text	DBs
1	IS&R	L1	920	((455/101) or (455/78) or (455/88) or (455/127.4)).CCLS.	USPAT
2	BRS	L2	46453	"455"/\$.ccls.	USPAT
3	BRS	L3	39841	"370"/\$.ccls.	USPAT
4	BRS	L4	46453	1 or 2	USPAT
5	BRS	L5	80488	3 or 4	USPAT
6	BRS	L6	4234	5 and (first antenna) and (second antenna) and diversity	USPAT
7	BRS	L7	3634	6 and (wireless local area network or WLAN) and (first filter) and (second filter)	USPAT
8	BRS	L8	124	7 and (antenna adj switch) and (media access control or MAC)	USPAT
9	BRS	L10	119	8 AND DIVERSITY AND (TRANSMIT\$3 MODE) AND (RECEIVE\$3 MODE)	USPAT
10	BRS	L12	95	10 AND (RADIO FREQUENCY INTEGRATED CIRCUIT) AND (BAND PASS FILTER) AND (LOW PASS FILTER)	USPAT
11	BRS	L14	1	8 AND BALUN	USPAT
12	BRS	L15	258	12 AND IEE "802.11b"	USPAT
13	BRS	L16	5	15 and diversity and (antenna adj switch)	USPAT
14	BRS	L18	5	17 and diversity	USPAT
15	BRS	L17	7	15 and (IEEE "802.11b") and (antenna adj switch)	USPAT
16	BRS	L19	5	12 and (first filter) and (second adj filter)	USPAT
17	BRS	L20	5	19 and (antenna adj switch) and diversity	USPAT

10064536\_CLS  
Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10064536 on September 22, 2004

Original Classifications

3	375/130
2	342/375
2	342/70
2	375/308
2	455/343.1
2	455/553.1
2	455/76
2	455/78
2	455/82

Cross-Reference Classifications

6	455/78
4	455/86
3	375/299
3	455/101
3	455/103
3	455/553.1
2	330/51
2	331/18
2	332/103
2	332/119
2	370/280
2	375/219
2	375/295
2	375/320
2	455/260
2	455/73
2	455/76
2	455/77
2	455/83
2	455/88

Combined Classifications

8	455/78
5	455/553.1
4	455/76
4	455/86
3	342/70
3	375/130
3	375/219
3	375/299
3	375/308
3	455/101

10064536\_CLS

3 455/103  
3 455/73  
3 455/82  
3 455/83  
2 330/51  
2 331/18  
2 332/103  
2 332/119  
2 342/158  
2 342/375  
2 345/179  
2 370/280  
2 375/295  
2 375/320  
2 375/347  
2 455/260  
2 455/343.1  
2 455/77  
2 455/88

10064536\_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned

From A Search of 10064536 on September 22, 2004

8 455/78 (2 OR, 6 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
 455/78 .With transmitter-receiver switching or  
 interaction prevention

5 455/553.1 (2 OR, 3 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
 455/550.1 .Radiotelephone equipment detail  
 455/552.1 ..Operable on more than one system  
 455/553.1 ...Radiotelephone having plural transceivers  
 (e.g., for analog and digital, trunking and  
 cellular, etc.).

4 455/76 (2 OR, 2 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
 455/75 .With frequency stabilization (e.g., automatic  
 frequency control)  
 455/76 ..Synthesizer

4 455/86 (0 OR, 4 XR)  
 Class 455 : TELECOMMUNICATIONS  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
 455/84 .With a common signal processing stage  
 455/86 ..Transmitter oscillator used as local  
 oscillator

3 342/70 (2 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/61 RETURN SIGNAL CONTROLS EXTERNAL DEVICE  
 342/70 .Radar mounted on and controls land vehicle

## 10064536 CLSTITLES

3	375/130	(3 OR, 0 XR)	
	Class	375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/130		SPREAD SPECTRUM
3	375/219	(1 OR, 2 XR)	
	Class	375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/219		TRANSCEIVERS
3	375/299	(0 OR, 3 XR)	
	Class	375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/295		TRANSMITTERS
	375/299		.Plural diversity
3	375/308	(2 OR, 1 XR)	
	Class	375 :	PULSE OR DIGITAL COMMUNICATIONS
	375/295		TRANSMITTERS
	375/302		.Angle modulation
	375/308		..Phase shift keying
3	455/101	(0 OR, 3 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/91		TRANSMITTER
	455/101		.Diversity
3	455/103	(0 OR, 3 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/91		TRANSMITTER
	455/103		.Plural separate transmitters or channels
3	455/73	(1 OR, 2 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/73		TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
3	455/82	(2 OR, 1 XR)	
	Class	455 :	TELECOMMUNICATIONS
	455/73		TRANSMITTER AND RECEIVER AT SAME STATION (E.G. TRANSCEIVER)
	455/78		.With transmitter-receiver switching or interaction prevention
	455/79		..Automatic (e.g., voice operated)
	455/82		...Common antenna
3	455/83	(1 OR, 2 XR)	
	Class	455 :	TELECOMMUNICATIONS

10064536\_CLSTITLES  
 455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.  
 TRANSCEIVER)  
 455/78 .With transmitter-receiver switching or  
 interaction prevention  
 455/83 ..Single antenna switched between transmitter  
 and receiver

2 330/51 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/51 COMBINED WITH AUTOMATIC AMPLIFIER DISABLING  
 SWITCH MEANS

2 331/18 (0 OR, 2 XR)  
 Class 331 : OSCILLATORS  
 331/1R AUTOMATIC FREQUENCY STABILIZATION USING A PHAS

E

OR FREQUENCY SENSING MEANS  
 331/18 .With reference oscillator or source

2 332/103 (0 OR, 2 XR)  
 Class 332 : MODULATORS  
 332/103 PHASE SHIFT KEYING MODULATOR OR QUADRATURE  
 AMPLITUDE MODULATOR

2 332/119 (0 OR, 2 XR)  
 Class 332 : MODULATORS  
 332/117 FREQUENCY MODULATOR  
 332/119 .Plural modulation

2 342/158 (1 OR, 1 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/147 DETERMINING DIRECTION  
 342/158 .Scanning

2 342/375 (2 OR, 0 XR)  
 Class 342 : COMMUNICATIONS: DIRECTIVE RADIO WAVE SYSTEMS  
 AND DEVICES  
 342/350 DIRECTIVE  
 342/368 .Including a steerable array  
 342/375 ..With a delay line (e.g., serpentine  
 transmission line, frequency scanning)

2 345/179 (1 OR, 1 XR)  
 Class 345 : COMPUTER GRAPHICS PROCESSING, OPERATOR  
 INTERFACE PROCESSING, AND SELECTIVE VISUAL

DISPLAY

10064536\_CLSTITLES  
SYSTEMS

345/156 DISPLAY PERIPHERAL INTERFACE INPUT DEVICE  
345/179 .Stylus

2 370/280 (0 OR, 2 XR)

Class 370 : MULTIPLEX COMMUNICATIONS

370/276 DUPLEX

370/277 .Communication over free space

370/280 ..Time division

2 375/295 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/295 TRANSMITTERS

2 375/320 (0 OR, 2 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/320 .Amplitude modulation

2 375/347 (1 OR, 1 XR)

Class 375 : PULSE OR DIGITAL COMMUNICATIONS

375/316 RECEIVERS

375/346 .Interference or noise reduction

375/347 ..Diversity (frequency or time)

2 455/260 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER

455/230 .Local control of receiver operation

455/255 ..Local oscillator frequency control

455/257 ...Automatic

455/258 ....Utilizing particular local oscillator  
control

455/259 .....Reference oscillator or source

455/260 .....Phase lock loop or frequency synthesizer

2 455/343.1 (2 OR, 0 XR)

Class 455 : TELECOMMUNICATIONS

455/130 RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY  
CONVERTER

455/334 .With particular receiver circuit

455/343.1 ..Having particular power or bias supply

(including self-powered or battery saving means)

2 455/77 (0 OR, 2 XR)

10064536 CLSTITLES

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/77 .With tuning

2 455/88 (0 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)  
455/88 .Transceiver controlling a separate transceive  
or receiver



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PLUS Search Results for S/N 10064536, Searched September 22, 2004

The Patent Linguistics Utility System (PLUS) is a USPTO automated search system for U.S. Patents from 1971 to the present. PLUS is a query-by-example search system which produces a list of patents that are most closely related linguistically to the application searched. This search was prepared by the staff of the Scientific and Technical Information Center, SIRA.

5952897  
5812612  
5459760  
5634200  
5668829  
5771442  
5802447  
5825813  
5862461  
5878331  
5949826  
5949767  
5974040  
5973636  
5982321  
5999824  
6026114  
6070063  
6104745  
6243563  
6308047  
6343221  
6407614  
6473600  
6549761  
6751471  
5355524  
6606485  
5774502  
4802235  
4947452  
4983977  
5231405  
5349139  
5475401

10064536\_LIST

5517197  
5574966  
5579341  
5592556  
5649296  
5721556  
5812605  
5818883  
5854813  
5881369  
5889814  
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5940006  
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